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09/831794
8 Rec'd PCT/PTO 10 MAY 2001

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No.	4121-124
		First Inventor	Wagener
		Title	INFLUENCING OF ANGIOGENESIS THROUGH CD66a
		Express Mail Label No.	EL666414463US

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Commissioner for Patents Box Patent Application Washington, DC 20231
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- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☒ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 12]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
- Oath or Declaration [Total Sheets]
 - ☐ Newly executed (original or copy)
 - ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS	
9.	<input type="checkbox"/> Assignment Papers (cover sheet & document(s))
10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
11.	<input type="checkbox"/> English Translation Document <i>(if applicable)</i>
12.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
13.	<input type="checkbox"/> Preliminary Amendment
14.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
15.	<input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
16.	<input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.	<input type="checkbox"/> Other:

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.:

Prior application information:

Examiner:

Group Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> Correspondence address below			
(Insert Customer No. or Attach bar code label here)					
Name	Steven J. Hultquist				
Address	P.O. Box 14329				
City	Research Triangle Park	State	NC	Zip Code	27709
Country	USA	Telephone	(919) 419-9350	Fax	(919) 419-9354

Name (Print/type)	Steven J. Hultquist	Registration No. (Attorney/Agent)	28021
Signature		Date	5/10/01

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Rec'd PCT/PTO 1 0 MAY 2001

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

Complete if Known

TOTAL AMOUNT OF PAYMENT	(\$ 565)	Application Number	
		Filing Date	May 10, 2001
		First Named Inventor	Wagener
		Examiner Name	
		Group Art Unit	
		Attorney Docket No.	4121-124

METHOD OF PAYMENT1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:Deposit
Account
Number
Deposit
Account
Name

083284

Intellectual Property/Technology Law

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
- ☒ Applicant claims small entity status.
See 37 CFR 1.27

2. ☒ Payment Enclosed:
☒ Check ☐ Credit Card ☐ Money
Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	430
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 430)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from Below	Fee Paid
7	-20**= 0	X	
1	-3**= 0	X	
Multiple Dependent		135	135

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 135)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 565)

SUBMITTED BY

Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone
Steven J. Hultquist	28021	(919) 419-9350
Signature	Date	
	5/10/01	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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23448

PATENT TRADEMARK OFFICE

JC17 R PCT/PTO

10 MAY 2001
09/831794

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicant: Christoph Wagener

Serial No.: New U.S. National Stage Application of
International Application No.
PCT/DE99/03671

Date Filed: May 10, 2001

International Filing Date: 16 November 1999

Priority Date Claimed: German Patent Application No. 198 52
804.3 (16 November 1998)

Title: INFLUENCING ANGIOGENESIS USING
CD66a

Atty. Docket No.: 4121-124

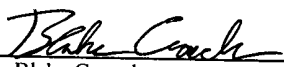
Examiner: Not Yet
Assigned

Group Art Unit: Not Yet
Assigned

Paper No.: 1

EXPRESS MAIL CERTIFICATE

It hereby is certified by the person identified below that the attached documents are being mailed to the Commissioner of Patents on the date specified, in an envelope addressed to the Assistant Commissioner of Patents, Box PATENT APPLICATION, Washington, DC 20231, and Express Mailed under the provisions of 37CFR 1.10.


Blake Crouch

May 10, 2001
Date of Mailing

EL666414463US
Express Mail Label Number

SUBMISSION UNDER 37 CFR 1.53 AND 35 U.S.C. 371 OF UNITED STATES PATENT APPLICATION (NATIONAL PHASE PROCEEDINGS) BASED ON INTERNATIONAL APPLICATION NO. PCT/DE99/03671 AND CLAIMING PRIORITY OF GERMAN PATENT APPLICATION NO. 198 52 804.3

Commissioner for Patents
Box PATENT APPLICATION
Washington, DC 20231

Sir:

09/831794

18 Rec'd PCT/PTO 1 0 MAY 2001

Submitted herewith under the provisions of 37 CFR 1.53 and 35 USC 371 is a new U.S. patent application (national phase application) based on International Patent Application PCT/DE99/03671 and claiming priority to German Patent Application No. 198 52 804.3.

Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicants

**INTELLECTUAL PROPERTY/
TECHNOLOGY LAW**
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